

METHODS FOR PROCESSING ANIMAL TISSUES

Abstract of the Disclosure

Described herein are methods for processing and dispersing animal tissues
5 that involve exposing processed (e.g., decellularized) tissue to an acylating agent,
wherein the ratio of acylating agent to wet tissue weight is about 0.003:1 or less.
The disclosed methods result in a dispersed tissue matrix that has a high degree of
resistance to digestion by non-collagenase proteases, such as trypsin. In order to
produce sufficiently high yields of these trypsin-resistant compositions, the
10 processed tissue is preferably cryomilled to increase its surface area prior to
acylation.

\\NTSERVER\documents\50063\50063.018001 Method for Processing Tissues.doc